



West Nile Virus and Other Arboviral Diseases: 2016

Los Angeles County Epidemiology Report #11

October 13, 2016



This week, 8 new WNV infections were documented, all clinical cases with symptom onset between August 20 to September 25. A fatality has been documented this week from a previously reported neuro-invasive case. The fatal case was an elderly resident of Compton with underlying medical conditions who fell ill in early September. To date, 125 infections have been reported: 116 clinical cases and 9 asymptomatic infections (Table 1). Many of the current cases continue to reside in cities located in the San Fernando Valley (see text below). Nationally, 1,264 clinical human WNV cases have been reported in 41 states, with the most documented in California. See www.westnile.ca.gov and www.cdc.gov/ncidod/dvbid/westnile for details.

As of 10/12/16, LAC DPH has identified 71 cases of Zika virus infection, cumulative since November 2015. All cases acquired their infection while traveling outside the US (Table 3). For more information on Zika visit www.publichealth.lacounty.gov/acd/VectorZika.htm.

Table 1. Characteristics of West Nile Virus Infections: Los Angeles County, 2016

Number of Infections ¹	Asymptomatic Donor	Clinical Presentation			Hospitalized	Deaths	Demographics	
		WNV Fever	Neuroinvasive Disease	Neuroinvasive Diagnosis			Gender M/F	Median Age (Range)
This Week	8	4	4	4 = Encephalitis 0 = Meningitis 0 = AFP ²	7	0	6/2	72.5 (45-91)
Year Total	125	29	87	44 = Encephalitis 41 = Meningitis 2 = AFP ²	108	5	85/40	63.0 (17-91)

¹WNV infections count by LAC DPH as of 10/13/16, 5pm. Excludes reports from Long Beach and Pasadena. Totals are provisional and subject to change.

²Acute Flaccid Paralysis.

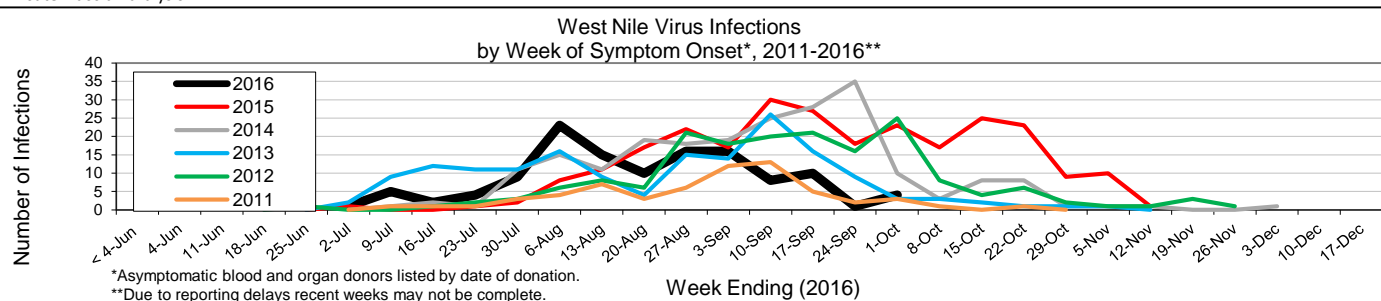


Table 2. Cumulative WNV Infections by City¹ of Residence: LAC, 2016²

City	Year Total
Los Angeles	13
Glendale	8
Van Nuys	7
Woodland Hills	7
Northridge	6
North Hollywood	5
Panorama City	4
Sun Valley	4
North Hills	4
Encino	3
Canoga Park	3
Granada Hills	3
Sherman Oaks	3
Winnetka	3

1. For cities with greater than 2 cases.

2. WNV infections count by LAC DPH as of 10/13/16, 5pm. Excludes Long Beach and Pasadena. Totals are provisional and subject to change.

Cities with WNV Infections This Week

The 8 new human infections reported this week reside in the following cities: Azusa, Beverly Hills, Burbank, Canoga Park, El Monte, Studio City, West Hollywood and Winnetka.

New Active Zika Transmission Area in Miami-Dade County, Florida

Florida has identified cases of Zika in a new area of transmission about [one square mile in Miami-Dade County](#), in addition to the existing area in Miami Beach. In response, the Centers for Disease Control and Prevention (CDC) has issued [travel warnings](#) to this area. Based on this new information, pregnant women and their sexual partners should consider postponing any nonessential travel to all parts of Miami-Dade County.

Table 3. Zika Infections by Country/Region of Exposure: LAC, 2015-2016

Country	n (%)
Guatemala	13 (18.3)
Mexico	12 (16.9)
Nicaragua	11 (15.5)
El Salvador	8 (11.3)
Honduras	7 (9.9)
Dominican Republic	6 (8.5)
Puerto Rico*	4 (5.6)
Jamaica	3 (4.2)
Costa Rica	2 (2.8)
Bahamas	1 (1.4)
Brazil	1 (1.4)
Fiji	1 (1.4)
St. Maarten (Dutch part)	1 (1.4)
US Virgin Islands*	1 (1.4)
TOTAL	71

* US Territories